

JUTC INCREMENT 1

TCRD Paragraph	General Capabilities	Increment 1	Contract Vehicle
		Yes/No/Partial	
	Joint Urban Test Capability (JUTC)		
	Prime Mission Product (PMP)		
3.3	JUTC Live Urban Area		
3.3.1	JUTC Air/Land Dimensions and Army Site Location (KPP)	Yes	Other
	Urban Area (200 meters x 240 meters)		
	Maneuver Area of 16km ² (4km x 4 km preferred)		
	Buffer Area of 100km ² (10 km x 10km preferred)		
	Airspace Clearance (Surface to 40,000 MSL)		
	Location Identified (White Sands Missile Range Preferred)		
3.3.2	Urban Building Representations (KPP)	Partial	
	Industrial (Dc4) building replicas (UTZ IV): One (1)	No	
	Commercial (Dc5) building replicas (UTZ II): Fifteen (15)	Yes	Competitive Award
	Residential (Dc3) building replicas (UTZ III): Sixteen (16)	No	
	Apartments (Do2) building replicas (UTZ V): Four (4)	Yes	Competitive Award
3.3.3	JUTC Urban Area Roads	Yes	Other
3.3.4	JUTC Urban Area Roundabout	No	
3.3.5	JUTC Urban Area Intersection	No	
3.3.6	JUTC Urban Area Sidewalks	Yes	Competitive Award
3.3.7	JUTC Urban Area Vertical Obstacles	Yes	Competitive Award
3.3.8	JUTC Urban Area Railroad Track	No	
3.3.9	JUTC Urban Area Bridge	No	
3.3.10	JUTC Urban Area Overpass	No	
3.3.11	JUTC Urban Area Commercial Communications Towers	Yes	Other
3.3.12	JUTC Urban Area Power Distribution	Yes	Competitive Award
3.3.13	JUTC Building Replica Interior and Exterior Electrical Wiring	Yes	Competitive Award
3.4	Augmented Urban Environment Effects		
3.4.1	Urban Radio Frequency Effects (KPP)	Yes	Other
3.4.2	External Electrification Effects	Yes	Competitive Award
3.4.3	Consumer Product Effects	Yes	Other
3.4.4	Exterior Lighting Effects	Yes	Competitive Award
3.4.5	Interior Lighting Effects	Yes	Competitive Award
3.4.6	Power Generator Effects	Yes	Competitive Award
3.4.7	Industrial Effects	Yes	Other
3.4.8	Civilian Vehicles	Yes	Other
3.4.9	Utility Poles	Yes	Competitive Award
3.4.10	Overhead Wires	Yes	Competitive Award
3.4.11	Signage	Yes	Competitive Award
3.4.12	Commercial Dumpsters, Residential Trash Cans, Steel Barrels, and Steel Drums	Yes	Competitive Award

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3.4.13	HVAC Units	Yes	Other
3.4.14	Satellite Dish	Yes	Competitive Award
3.4.15	Antennas	Yes	Competitive Award
3.4.16	Open and Contained Flame Thermal/IR Effect	Yes	Other
3.4.17	Seismic Effects	Yes	Other
3.4.18	Acoustic Effects	Yes	Other
3.4.19	Obscurant Effects	Yes	Other
3.5	Virtual and Constructive Urban Environment		
3.5.1	3D Engineering Model of the Live JUTC Environment	Yes	Other
3.5.2	Multi-Spectral Constructive Model	No	
3.5.3	1km by 1km Multi-Spectral Model	No	
3.6	Data Collection, Reduction, and Analysis		
3.6.1	Video Camera	Partial	Other
3.6.2	Mobile Tower Platform	Yes	Other
3.6.3	Acoustic Data Collection	Partial	Other
3.6.4	EM Spectrum Data Collection	Yes	Other
3.6.5	Multi-Spectral Data Collection	No	
3.6.6	Video/Audio Data Analysis System	Yes	Other
3.7	Test Planning and Control		
3.7.1	JUTC Test Plan Composer	Yes	Other
3.7.2	Urban Test Site Database	Yes	Other
3.7.3	Test Control Cell	Yes	Other
3.7.4	After Action Review Cell	Partial	Other
3.7.5	3D Interactive Situational Awareness System	Yes	Other
3.8	Test Architecture and Net-Centric Interoperability		
3.8.1	Distributed Connectivity (KPP)	Yes	Other
3.8.2	Test and Training Enabling Architecture Compliance	Yes	Other
3.8.3	Range Gateway Interface	Yes	Other
3.9	Weapons System Urban Test Capability (WS-UTC) Requirements	No	
3.10	Communications Jamming Urban Test Capability (CJ-UTC) Requirements	No	
3.11	Infrared Countermeasures (IRCM) System Urban Test Capability (IS-UTC) Requirements	No	